

13142 U.S. PTO
09/22/03

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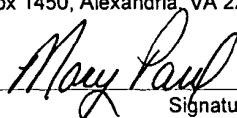
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| DATE OF DEPOSIT | September 22, 2003 |
| I hereby certify that this paper or fee is being deposited with the United States Postal Service with sufficient postage "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. | |
|  | |
| Signature | |

September 22, 2003

FILE: 2008.007500
03-0450.00

BOX PATENT APPLICATION
P. O. Box 1450
Alexandria, VA 22313-1450

RE: *U.S. Patent Application Entitled "METHOD AND APPARATUS FOR CONTROLLING REFRESH OPERATIONS IN A DYNAMIC MEMORY DEVICE"*
Inventor(s): Manoj K. Sinha and Glen E. Hush
Client Reference: 03-0450.00

Sir:

Transmitted herewith for filing are:

- (1) 30-page patent specification with 22 claims and an abstract (also Figures 1-9 on 9 sheets);
- (2) Declaration;
- (3) Assignment and Assignment Cover Sheet;
- (4) Power of Attorney;

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- (5) Information Disclosure Statement, PTO 1449 & Cited Ref. A1 and
- (6) Our check in the amount of the total filing fee (listed below).

All correspondence, notices, official letters and other communications should be directed to Terry D. Morgan, Williams, Morgan & Amerson, P.C., 10333 Richmond, Suite 1100, Houston, TX 77042, and all telephone calls should be directed to Terry D. Morgan at (713) 934-4050.

FILING FEE CALCULATION

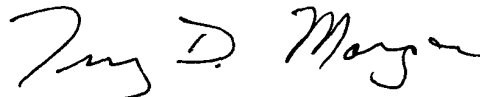
| FOR | | Small Entity | Large Entity |
|-----------------------------|---------------------|----------------|------------------------|
| Total Claims | 22 - 20 = 2 | x \$9 = \$ | or x \$18 = \$ 36.00 |
| Independent Claims | 4 - 3 = 1 | x \$42 = \$ | or x \$84 = \$ 84.00 |
| Multiple Dependent Claim(s) | | + \$140 = \$ | or + \$280 = \$ |
| Basic Fee: | | + \$375 = \$ | or + \$750 = \$ 750.00 |
| Assignment Recording Fee: | (\$40 per assignee) | + = \$ | + = \$ 40.00 |
| TOTAL FILING FEES | | \$ 0.00 | \$ 910.00 |

Pursuant to 37 C.F.R. § 1.10 the Applicants request that the Patent and Trademark Office accept this application and accord a serial number and filing date as of the date this application is deposited with the U.S. Postal Service for Express Mail.

If the check is inadvertently omitted, or should any additional fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason relating to the enclosed materials, or should an overpayment be included herein, the Assistant Commissioner is authorized to deduct or credit said fees from or to Williams, Morgan & Amerson, P.C. Deposit Account No. 50-0786/2008.007500.

Please date stamp and return the enclosed postcard to evidence receipt of these materials.

Respectfully submitted,



Terry D. Morgan

TDM/kd

Encl: